APPROVED O G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN 514 305

6369073

Fig. 1

$$R_4 = a) - (CH_2)_7 CH_3$$

b) - (CH₂)₈CH₃

- A) base
- B) IRA 402/OH⁻form

Fig. 2

$$CI \xrightarrow{O} OEt \xrightarrow{A} CI \xrightarrow{OR_4} OR_4 OR_4 OEt \xrightarrow{B} OEt$$

$$R_4 = a)-(CH_2)_7CH_3$$

b)-(CH₂)₁₃CH₃

- A) R₄OH, SOCI₂
- B) Et₃SiH, BF3.Et₂0
- C) NaN₃
- D) Pd/C H_2 , HCHO
- E) CH₃I
- F) IRA 402 OH-

Fig. 3A

$$N_3$$
 OEt
 A
 OCH_2
 OCH_2
 OCH_2
 OCH_3
 OCH_2
 OCH_3
 $OCH_$

- A) NaOH 4N, MeOH, 16h, t.a
- B) H2NCH2H2CN, DMF, TEA, DEPC
- C) THF, Ph₃P
- D) $(BOC)_2O$, NaOH IN
- E) THF, PH3P, DEAD, Et3SiN3
- F) HCI 3N, NaOH IN

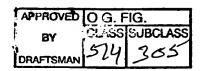
APPROVED O.G. FIG.

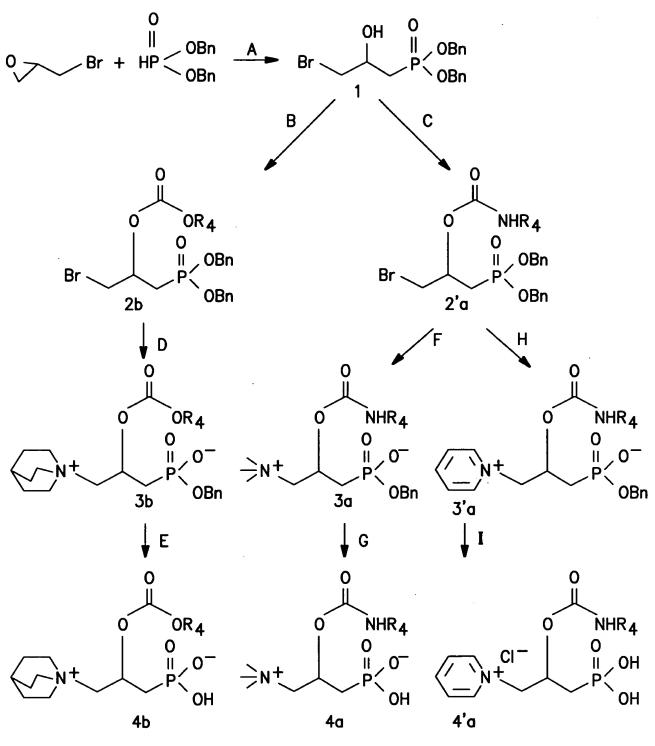
BY CLASS SUBCLASS

DRAFTSMAN 514 365

L) IRA 402 attiv. OH-

Fig. 3B





$$R_4 = a) - (CH_2)_7 CH_3$$

 $b) - (CH_2)_{13} CH_3$

A) 1)BuLI 2)BF3. Et20

- B) R₄OCOCI, Base
- C) R₄N=C=0, BF₃. Et₂0
- D) Quinuclidine F) Trimethylamine
- H) Pyridine

$$E=G)$$
 H_2 , Pd/C

Fig. 4